INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN2004/001435

. CLASSIFICATION OF SUBJECT MATTER		
C07K14/47,C12N15/12, C12N15/63, C1 According to International Patent Classification (IPC) or to both nation	2N15/10, A61K38/17, A61P31/04 all classification and IPC	
R FIFI DS SEARCHED		
Minimum documentation searched (classification system followed by	classification symbols)	
C07K, C12N, A		
Documentation searched other than minimum documentation to the ex		
Electronic data base consulted during the international search (name of WPI,PAJ,EPODOC,CNPAT,CNKI, CA, GenBank Keywords: Glycine-rich protein? (GRP?), glycine, processing the control of		ch terms used)
	Call a malayorat magnages	Relevant to claim No.
Category* Citation of document, with indication, where appr		1-10
X GenBank (www.ncbi.nlm.nih.gov), Accession	No. AY028425, 19.MAR.2001	. 10
P,X GenBank (<u>www.ncbi.nlm.nih.gov</u>), Accession	No. NP_542786, 27.Oct.2004	1-10
A University of veterinary medicine, Vol.42, No.1 antibacterial insect immune peptides and proteins'	, 1998, Glinski Zd et al., "Novel", Pages 33-41, especially abstract	1-14
A Journal of Experimental Hematology, Vol.10, N "Screening of Differentially Expressed Genes in Cells after Long Term Culture", Pages 177-182	the Mouse Hematopoletic Subhar	
Further documents are listed in the continuation of Box C.		
* Special categories of cited documents. "A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the or priority date and not in conflict cited to understand the principle invention	t with the application but
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevant cannot be considered novel or cannot	ot be considered to involve
"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)	an inventive step when the document of particular relevant cannot be considered to involve	e; the claimed invention an inventive step when the
"O" document referring to an oral disclosure, use, exhibition or other means	document is combined with one documents, such combination be	or more other such
"P" document published prior to the international filing date but later than the priority date claimed	skilled in the art "&" document member of the same	patent family
Date of the actual completion of the international search 02 MAR 2005 (02.03.2005)	Dag of mai MART DE DE METOTAL se	arth fisort 2 0 0 5)
Name and mailing address of the ISA/CN	Authorized officer	画
6 Xitucheng Rd., Jimen Bridge, Haidian District, 100088 Beijing, China	ZHOUX Telephone No. 86-10-62085078	印置
Facsimile No. 86-10-62019451 Form PCT/ISA /210 (second sheet) (January 2004)	<u> </u>	

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is international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons: Claims Nos: because they relate to subject matter not required to be searched by this Authority, namely: Claims Nos: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically: Claims Nos: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a) Sox No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet) This International Searching Authority found multiple inventions in this international application, as follows: See further information sheet PCT/ISA/210 As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. As only some of the required additional search fees were timely paid by the applicant. Consequently, this international search report covers only those claims for which fees were paid, specifically claims Nos.: No required additional search fees were timely paid by the applicant. Consequently, this international search report is restrict to the invention first mentioned in the claims; it is covered by claims Nos.: No required additional search fees were timely paid by the applicant. Consequently, this international search report is restrict to the invention first mentioned in the claims; it is covered by claims Nos.:		į.
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INTERNATIONAL SEARCH REPORT

International application No. PCT/CN2004/001435

This International Searching Authority found multiple inventions in this international application, as follows:

Group 1: claims 1-15, relating to the glyrichins basing on the sequence of SEQ ID NO:1 from human and mouse;

Group 2: claims 1、3-6、8-15, relating to the glyrichins basing on the sequence of SEQ ID NO:3 from Daniorerio;

Group 3: claims 1、3-6、8-15, relating to the glyrichins basing on the sequence of SEQ ID NO:4 from Anopheles gambiae:

Group4: claims 1, 3-6, 8-15, relating to the glyrichins basing on the sequence of SEQ ID NO:5 from Drosophila melanogas:

Group5: claims 1, 3-6, 8-15, relating to the glyrichins basing on the sequence of SEQ ID NO:6 from Caenorhabditis elegans;

Group6: claims 1, 3-6, 8-15, relating to the glyrichins basing on the sequence of SEQ ID NO:7 from Caenorhabditis elegan;

Group7: claims 1, 3-6, 8-15, relating to the glyrichins basing on the sequence of SEQ ID NO:8 from Schizosaccharomyces pombe;

Group8: claims 1, 3-6, 8-15, relating to the glyrichins basing on the sequence of SEQ ID NO:9 from Sacchromyces cerevisiae;

Group9: claims 1、3-6、8-15, relating to the glyrichins basing on the sequence of SEQ ID NO:10 from Arabidopsis thaliana:

Group10: claims 1, 3-6, 8-15, relating to the glyrichins basing on the sequence of SEQ ID NO:11 from Plasmodium falciparum 3D7;

Groupll: claims 1, 3-6, 8-15, relating to the glyrichins basing on the sequence of SEQ ID NO:12 from Groupl2: claims 1, 3-6, 8-15, relating to the glyrichins basing on the sequence of SEQ ID NO:13 from Magnaporthe grisea:

Groupl3: claims 1、3-6、8-15, relating to the glyrichins basing on the sequence of SEQ ID NO:14 from Neurospora crassa;

Since the inventions of Group1-Group 13 related to the different glycine-rich proteins(GRPs) having the different amino acid sequences from special biology sources, these inventions did not share any of the technical features identified, the international application does not comply with the requirements of unity of invention as defined in PCT rule 13.